BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Modified Estimate for Improvements to Roads, Drains and Drilling Borewells in ward No 09, 10 & 11 of Vidyaranyapura sub Division.

Estimate Cost: 29613637.00

Description	Unit	No.	L	B	D	Qty	Rate	Amount
KSRRB M200-14.2: Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled materials, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters complete as per specifications. Ii) dismantling brick / tile work, A, in lime mortar, MORTH specifications NO. 202 **Page No. 136 Item No. 18.23 / PWD SR 2015-16**	Cum							
Ward No. 09								
Compound Wall		1	25.00	0.20	1.50	7.50		
SSM Wall		1	25.00	0.45	0.45	5.06		
		1	30.00	0.60	0.45	8.10	TP	
						20.66	244.75	**5057.00**
2 KSRRB M200-12.2 : Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled materials, disposal of unserviceable material and stacking the serviceable material with all lifts and lead and lead of 10000 meters complete as per specifications. lime/cement concrete, I.by manual means B. cement concrete grade M-15 & M-20. **No. 136 / Item No. 18.18 / PWD SR 2015-16**	Cum							
Thindlu colony								
Dismantling of existing structures								
From 1st cross(North side)		1	13.40	2.60	0.20	6.97		
1st cross(South side)		1	15.00	3.30	0.20	9.90		
		1	12.10	3.05	0.20	7.38		
2nd cross(South side)		1	15.00	2.45	0.20	7.35		
		1	10.90	2.25	0.20	4.91		
3rd cross(North side)		1	15.00	3.45	0.20	10.35		
3rd cross(South side)		1	15.00	3.90	0.20	11.70		
		1	4.70	3.50	0.20	3.29		
4th cross(North side)		1	19.90	3.70	0.20	14.73		
		1	7.40	1.50	0.20	2.22		
		1	5.20	1.10	0.20	1.14		
4th cross(South side)		1	20.60	3.55	0.20	14.63		
		1	1.00	2.00	0.20	0.40		
5th cross(North side)		1	23.40	3.95	0.20	18.49		
5th cross(South side)		1	30.50	3.43	0.20	20.92		
6th cross(North side)		1	26.60	4.40	0.20	23.41		
		1	28.00	3.55	0.20	19.88		
		1	1.00	2.00	0.20	0.40		

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	7th cross(North side)		1	30.00	3.35	0.20	20.10		
	cross(South side)		1	15.70	2.60	0.20	8.16		
	8th cross(North side)		1	30.30	3.30	0.20	20.00		
	8th cross(South side)		1	17.90	3.50	0.20	12.53		
	9th cross(North side)		1	19.90	3.15	0.20	12.54		
	9th cross(South side)		1	27.00	4.00	0.20	21.60		
	COLONY MAIN ROAD		1	14.00	3.70	0.20	10.36		
			1	16.00	4.00	0.20	12.80		
			1	15.00	3.75	0.20	11.25		
			1	15.00	3.50	0.20	10.50		
			1	15.00	3.50	0.20	10.50		
			1	15.00	3.63	0.20	10.89		
			1	15.00	3.75	0.20	11.25		
			1	25.00	4.35	0.20	21.75		
	Ward No. 11								
	Varadarajnagara 4th Cross L/S						95.56		
	Total Qty						**467.85**	373.45	**174717.00**
3	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 141 / Item No. 19.1 / PWD SR 2015-16**	Cum							
	Desilting of drains								
	from (Vidyaranyapura Last bus stop to Durga temple Joining Road)								
	left side drain		9	30.00	0.45	0.30	36.45		
			1	28.30	0.45	0.35	4.46		
	right side drain		9	30.00	0.45	0.35	42.53		
			1	28.30	0.45	0.30	3.82		
	Basavasamithi layout								
	2nd 'A' cross								
			2	30.00	0.45	0.35	9.45		
			2	30.00	0.45	0.30	8.10		
			2	30.00	0.45	0.40	10.80		
	2nd 'B' cross		2	7.20	0.45	0.35	2.27		
			2	30.00	0.45	0.30	8.10		
			2	30.00	0.45	0.35	9.45		
	2nd 'C' cross		2	18.00	0.45	0.40	6.48		
			2	30.00	0.45	0.30	8.10		
			2	30.00	0.45	0.40	10.80		
	2nd 'D' cross		2	15.50	0.45	0.35	4.88		
			2	30.00	0.45	0.35	9.45		
			2	30.00	0.45	0.30	8.10		
	2nd cross road(rightside)		2	18.00	0.45	0.45	7.29		
			2	30.00	0.45	0.30	8.10		
			2	30.00	0.45	0.30	8.10		
			2	30.00	0.45	0.45	12.15		
			2	2.80	0.45	0.30	0.76		

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
2nd cross road(lefttside)								
		2	30.00	0.45	0.45	12.15		
		2	15.30	0.45	0.35	4.82		
L.G.Enclave layout								
1st cross								
		2	30.00	0.45	0.35	9.45		
		2	23.00	0.45	0.30	6.21		
2nd cross								
		2	30.00	0.45	0.35	9.45		
		2	20.70	0.45	0.30	5.59		
3rd cross								
		2	30.00	0.45	0.30	8.10		
		2	27.50	0.45	0.40	9.90		
Main road								
		2	30.00	0.45	0.25	6.75		
		2	30.00	0.45	0.30	8.10		
		2	30.00	0.45	0.30	8.10		
		2	30.00	0.45	0.50	13.50		
		2	30.00	0.45	0.40	10.80		
		2	30.00	0.45	0.30	8.10		
		2	30.00	0.45	0.45	12.15		
		2	28.10	0.45	0.30	7.59		
Ganesh layout Main road								
		2	23.90	0.45	0.35	7.53		
		2	23.30	0.45	0.45	9.44		
		2	26.00	0.45	0.30	7.02		
		2	30.00	0.45	0.30	8.10		
		2	27.00	0.45	0.35	8.51		
		2	30.00	0.45	0.40	10.80		
		2	30.00	0.45	0.35	9.45		
		2	30.00	0.45	0.30	8.10		
		2	30.00	0.45	0.45	12.15		
		2	30.00	0.45	0.30	8.10		
		2	10.00	0.45	0.40	3.60		
Thindlu Govt Hospital to GKVK Double road								
		2	30.00	0.60	0.35	12.60		
		2	30.00	0.60	0.30	10.80		
		2	30.00	0.60	0.40	14.40		
		2	30.00	0.60	0.35	12.60		
		2	30.00	0.60	0.40	14.40		
		2	30.00	0.60	0.30	10.80		
		2	30.00	0.60	0.45	16.20		
		2	30.00	0.60	0.30	10.80		
		2	30.00	0.60	0.35	12.60		
		2	20.10	0.60	0.40	9.65		
						578.02		
Berm Cutting(Vidyaranyapura Last bus stop to Durga temple Joining Road)								
North Side		9	30.00	0.90	0.25	60.75		
		1	28.30	0.80	0.20	4.53		
South Side		9	30.00	0.90	0.20	48.60		
		1	28.30	0.85	0.30	7.22		
For New Drain Ward No. 09								
Basavasamithi 2nd Cross R/S		3	30.00	1.00	1.00	90.00		
Thindlu GKVK Joining Road		1	30.00	1.00	1.00	30.00		

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
ndlu Colony		1	20.00	1.00	1.00	20.00		
		1	30.00	1.80	1.20	64.80		
For CC Road Work Thindlu Colony								
From 1st cross(North side)								
1st cross(South side)		1	13.40	2.60	0.20	6.97		
		1	15.00	3.30	0.20	9.90		
2nd cross(South side)		1	12.10	3.05	0.20	7.38		
		1	15.00	2.45	0.20	7.35		
3rd cross(North side)		1	10.90	2.25	0.20	4.91		
3rd cross(South side)		1	15.00	3.45	0.20	10.35		
		1	15.00	3.90	0.20	11.70		
4th cross(North side)		1	4.70	3.50	0.20	3.29		
		1	19.90	3.70	0.20	14.73		
		1	7.40	1.50	0.20	2.22		
4th cross(South side)		1	5.20	1.10	0.20	1.14		
		1	20.60	3.55	0.20	14.63		
5th cross(North side)		1	1.00	2.00	0.20	0.40		
5th cross(South side)		1	23.40	3.95	0.20	18.49		
6th cross(North side)		1	30.50	3.43	0.20	20.92		
		1	26.60	4.40	0.20	23.41		
		1	28.00	3.55	0.20	19.88		
7th cross(North side)		1	1.00	2.00	0.20	0.40		
7th cross(South side)		1	30.00	3.35	0.20	20.10		
8th cross(North side)		1	15.70	2.60	0.20	8.16		
8th cross(South side)		1	30.30	3.30	0.20	20.00		
9th cross(North side)		1	17.90	3.50	0.20	12.53		
9th cross(South side)		1	19.90	3.15	0.20	12.54		
COLONY MAIN ROAD		1	27.00	4.00	0.20	21.60		
		1	14.00	3.70	0.20	10.36		
		1	16.00	4.00	0.20	12.80		
		1	15.00	3.75	0.20	11.25		
		1	15.00	3.50	0.20	10.50		
		1	15.00	3.50	0.20	10.50		
		1	15.00	3.63	0.20	10.89		
		1	15.00	3.75	0.20	11.25		
		1	25.00	4.38	0.20	21.90		
		2	7.00	2.00	1.20	33.60		
Culvert at Basavasamithi								
For RCC Drain								
Kempgowdanagara R/S		1	30.00	1.00	0.90	27.00		
		1	30.00	1.00	0.90	27.00		
		1	30.00	1.00	0.90	27.00		
		1	13.70	1.00	0.90	12.33		
		2	30.00	1.00	0.90	54.00		
Thindlu Compound Wall		1	8.00	2.00	1.20	19.20		
Culvert		2x8	30.00	0.45	0.35	75.60		
Desilting of Drains		2	15.80	0.45	0.45	6.40		
		2x7	30.00	0.45	0.40	75.60		
		2	25.50	0.45	0.35	8.03		
		2x8	30.00	0.45	0.40	86.40		
		2	22.90	0.45	0.45	9.27		
		2x5	30.00	0.45	0.30	40.50		
		2	16.70	0.45	0.40	6.01		
		2x6	30.00	0.45	0.40	64.80		
		2	29.40	0.45	0.35	9.26		
		2x8	30.00	0.45	0.45	97.20		
		2	27.30	0.45	0.40	9.83		

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
		2x6	30.00	0.45	0.45	72.90		
		2	15.00	0.45	0.45	6.08		
		2x5	30.00	0.45	0.45	60.75		
		2	15.00	0.45	0.45	6.08		
		2x5	30.00	0.45	0.40	54.00		
		2	24.10	0.45	0.30	6.51		
Ward No. 11						931.85		
						3681.57	81.23	**299054.00**
Removing B.S Slab of Drain and stacking **Page No. 25 / Item No. 5.32 / PWD SR 2015-16**	Sqm							
Ward No. 9								
Vidyaranyapura Last bus stop to Durga temple Joining Roa		2x9	30.00		0.90	486.00		
2nd 'A' cross								
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	7.20		1.35	19.44		
2nd 'B' cross								
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	18.00		1.35	48.60		
2nd 'C' cross								
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	15.50		1.35	41.85		
2nd 'D' cross								
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	18.00		1.35	48.60		
2nd cross road(rightside)								
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	2.80		1.35	7.56		
2nd cross road(lefttside)								
		2x1	30.00		1.35	81.00		
		2x1	15.30		1.35	41.31		
Basavasamithi Main Road L/S		9	30.00		1.35	364.50		
		1	18.00		1.35	24.30		
LG Enclave								
1st cross								
		2x1	30.00		1.35	81.00		
		2x1	23.00		1.35	62.10		
2nd cross								
		2x1	30.00		1.35	81.00		
		2x1	20.70		1.35	55.89		
3rd cross								
		2x1	30.00		1.35	81.00		
		2x1	27.50		1.35	74.25		
Main road								
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		
		2x1	30.00		1.35	81.00		

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			2x1	30.00		1.35	81.00		
			2x1	30.00		1.35	81.00		
			2x1	30.00		1.35	81.00		
			2x1	28.10		1.35	75.87		
	Ganesha Layout Main Road		2x9	30.00		1.35	729.00		
			2	29.30		1.35	79.11		
			3x2	30.00		1.35	243.00		
			2	18.50		1.35	49.95		
			2x2	30.00		1.35	162.00		
			2	15.00		1.35	40.50		
			1x2	30.00		1.35	81.00		
			2	17.00		1.35	45.90		
			2x2	30.00		1.35	162.00		
							2038.50		
	Total Qty						**6844.23**	**TP**	
	Qty upto 125%						**5049.00**	62.24	**314250.00**
	Qty Above 125%						**1795.23**	78.69	**141268.00**
	Basic Rate	76.00							
	Area Weightage @ 6%	4.56							
	Total	**80.56**							
	Tender Premium @ -2.32%	1.87							
	Total	**78.69**							
5	Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 25 / Item No. 5.33 / PWD SR 2015-16**	Sqm							
				Qty Vide Item No. 2			6844.23		
	Total Qty						**6844.23**	**TP**	
	Qty upto 125%						**5049.00**	77.01	**388823.00**
	Qty Above 125%						**1795.23**	64.20	**115245.00**
	Basic Rate	62.00							
	Area Weightage @ 6%	3.72							
	Total	**65.72**							
	Tender Premium @ -2.32%	1.52							
	Total	**64.20**							
6	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2015-16**	Cum							
	Ward No. 09								
	For CC Road Work Thindlu Colony								
	From 1st cross(North side)		1	13.40	2.60	0.15	5.23		
	1st cross(South side)		1	15.00	3.30	0.15	7.43		
			1	12.10	3.05	0.15	5.54		
	2nd cross(South side)		1	15.00	2.45	0.15	5.51		
			1	10.90	2.25	0.15	3.68		
	3rd cross(North side)		1	15.00	3.45	0.15	7.76		
	3rd cross(South side)		1	15.00	3.90	0.15	8.78		
			1	4.70	3.50	0.15	2.47		
	4th cross(North side)		1	19.90	3.70	0.15	11.04		

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	7.40	1.50	0.15	1.67		
			1	5.20	1.10	0.15	0.86		
	4th cross(South side)		1	20.60	3.55	0.15	10.97		
			1	1.00	2.00	0.15	0.30		
	5th cross(North side)		1	23.40	3.95	0.15	13.86		
	5th cross(South side)		1	30.50	3.43	0.15	15.69		
	6th cross(North side)		1	28.80	4.40	0.15	17.56		
			1	28.00	3.55	0.15	14.91		
			1	1.00	2.00	0.15	0.30		
	7th cross(North side)		1	30.00	3.35	0.15	15.08		
	7th cross(South side)		1	15.70	2.60	0.15	6.12		
	8th cross(North side)		1	30.30	3.30	0.15	15.00		
	8th cross(South side)		1	17.90	3.50	0.15	9.40		
	9th cross(North side)		1	19.90	3.15	0.15	9.40		
	9th cross(South side)		1	27.00	4.00	0.15	16.20		
	COLONY MAIN ROAD		1	14.00	3.70	0.15	7.77		
			1	16.00	4.00	0.15	9.60		
			1	15.00	3.75	0.15	8.44		
			1	15.00	3.50	0.15	7.88		
			1	15.00	3.50	0.15	7.88		
			1	15.00	3.63	0.15	8.17		
			1	15.00	3.75	0.15	8.44		
			1	25.00	4.38	0.15	16.43		
	Basavasamithi 2nd Cross R/S CC Drain		3	30.00	1.00	0.15	13.50		
	Culvert at Basavasamithi		2	7.00	2.00	0.15	4.20		
	Kempgowdanagara R/S		1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	13.70	1.00	0.15	2.06		
	Thindlu Compound Wall		2	30.40	1.00	0.15	9.12		
	Culvert		1	8.00	2.00	0.15	2.40		
	Ward No. 11 CC Road Work								
	Varadarajnagara 4th Cross L/S		1	108.00	4.25	0.15	67.58		
	6th Cross Road Left Side		1	120.00	4.20	0.15	75.60		
							467.28	4952.96	**2314404.00**
7	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 **Page No. 23 / Item No. 5.6 / PWD SR 2015-16**	Cum							
	Culvert		2x2	7.00	0.60	1.00	16.80		
	For Compound Wall Foundation		1	30.85	0.45	0.45	6.25		
			1	30.85	0.60	0.85	15.73		
	Basavasamithi Main Road		1x2	8.00	0.75	0.60	7.20		
	Total Qty						**45.98**	4039.38	**185733.00**
8	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing	Sqm							
	Basavasamithi Main Road		2x2	7.00		1.00	28.00		
	For Compound Wall Foundation		2	30.00		1.20	72.00		

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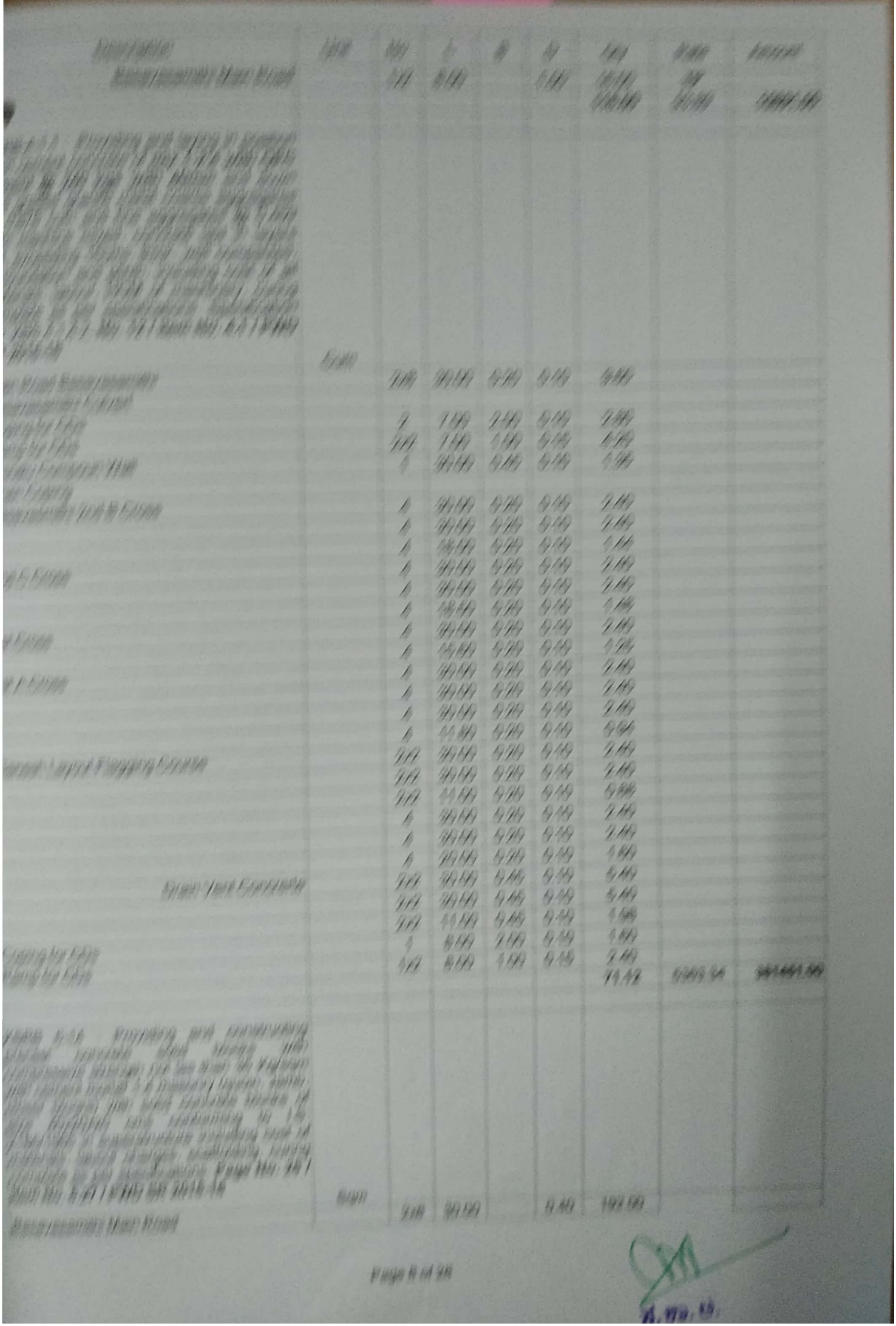

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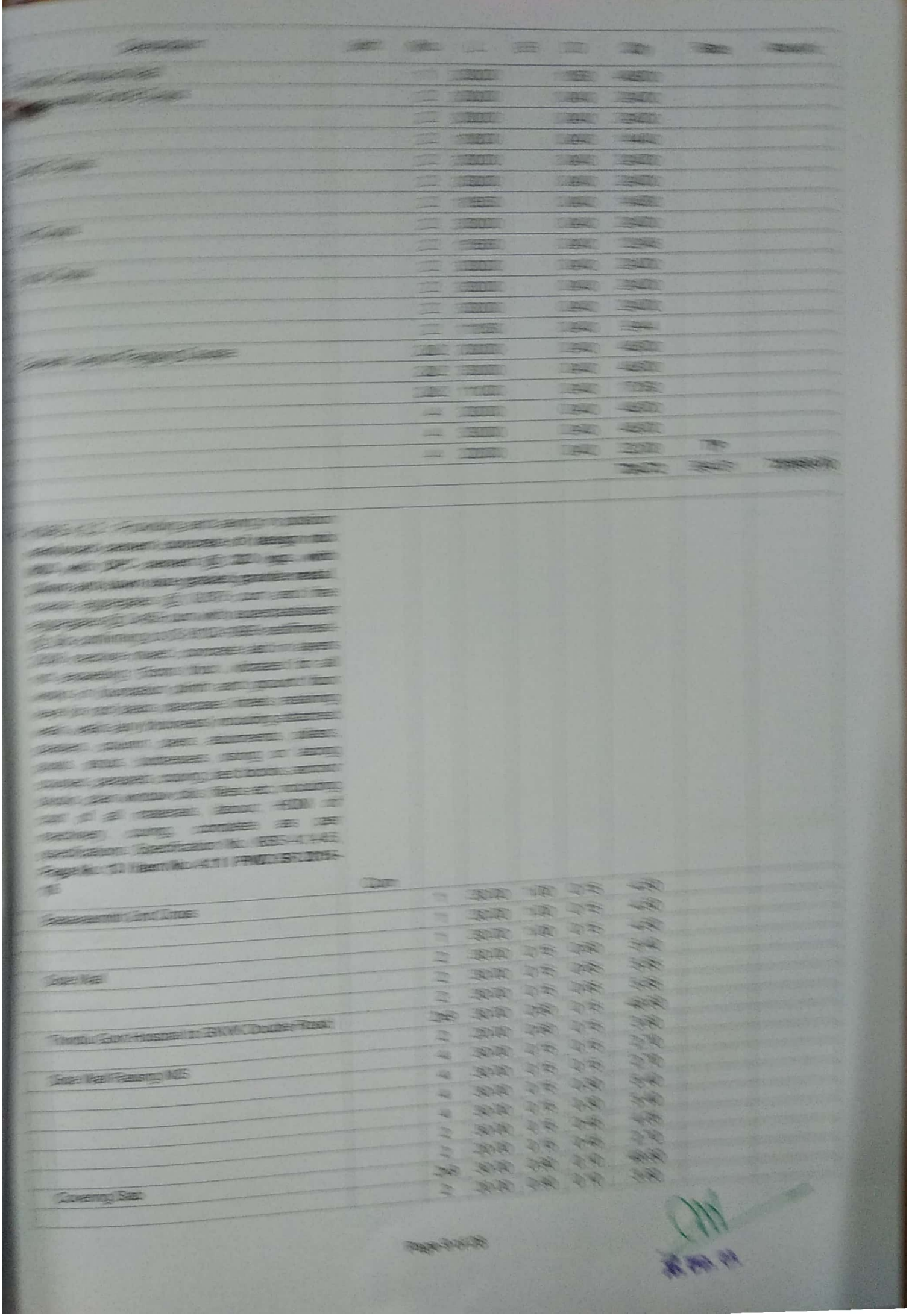

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
asavasamithi Main Road R/S		8	30.00	0.60	0.10	21.60		
l Covering Slab		2	7.00	1.80	0.25	6.30		
mpgowdanagara R/S Bottom		1	30.00	0.60	0.15	4.05		
		1	30.00	0.60	0.15	4.05		
		1	30.00	0.60	0.15	4.05		
		1	13.70	0.60	0.15	1.85		
mpgowdanagara R/S Side Walls		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	13.70	0.15	0.60	2.47		
Covering Slab		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	13.70	0.60	0.10	2.47		
		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	13.70	0.60	0.10	2.47		
asavasmithi 2nd B Cross Covering		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	18.00	0.60	0.10	3.24		
nd C Cross		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	18.50	0.60	0.10	3.33		
st Cross		2	30.00	0.60	0.10	5.40		
		2	15.60	0.60	0.10	2.81		
st A Cross		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	11.80	0.60	0.10	2.12		
Ganesh Layout		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	30.00	0.60	0.10	5.40		
		2	20.00	0.60	0.10	3.60		
		1	8.00	1.80	0.25	3.60		
Culvert Covering Slab						344.75	6554.32	2587224.56
Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2015-16**	Cum							
For CC Road Work Thindlu Colony								
From 1st cross(North side)		1	13.40	2.60	0.125	4.36		
1st cross(South side)		1	15.00	3.30	0.125	6.19		
		1	12.10	3.05	0.125	4.61		
2nd cross(South side)		1	15.00	2.45	0.125	4.59		

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
		1	10.90	2.25	0.125	3.07		
ross(North side)		1	15.00	3.45	0.125	6.47		
3rd cross(South side)		1	15.00	3.90	0.125	7.31		
		1	4.70	3.50	0.125	2.06		
4th cross(North side)		1	19.90	3.70	0.125	9.20		
		1	7.40	1.50	0.125	1.39		
		1	5.20	1.10	0.125	0.72		
4th cross(South side)		1	20.60	3.55	0.125	9.14		
		1	1.00	2.00	0.125	0.25		
5th cross(North side)		1	23.40	3.95	0.125	11.55		
5th cross(South side)		1	30.50	3.00	0.125	11.44		
6th cross(North side)		1	26.60	4.40	0.125	14.63		
		1	28.00	3.50	0.125	12.25		
		1	1.00	2.00	0.125	0.25		
7th cross(North side)		1	30.00	3.35	0.125	12.56		
7th cross(South side)		1	15.70	2.60	0.125	5.10		
8th cross(North side)		1	30.30	3.30	0.125	12.50		
8th cross(South side)		1	17.90	3.50	0.125	7.83		
9th cross(North side)		1	19.90	3.00	0.125	7.46		
9th cross(South side)		1	27.00	4.00	0.125	13.50		
COLONY MAIN ROAD		1	14.00	3.30	0.125	5.78		
		1	16.00	4.00	0.125	8.00		
		1	15.00	3.70	0.125	6.94		
		1	15.00	3.50	0.125	6.56		
		1	15.00	3.50	0.125	6.56		
		1	15.00	3.60	0.125	6.75		
		1	15.00	3.70	0.125	6.94		
		1	25.00	4.30	0.125	13.44		
Ward No. 11 CC Road Work								
Varadarajnagara 4th Cross L/S		1	106.00	4.25	0.10	45.05		
5th Cross Road Left Side		1	119.00	4.25	0.10	50.58		
						325.02	**TP**	
Total Qty						**307.75**	6185.14	**1902477.00**
Qty upto 125%						**17.27**	6087.16	**105102.00**
Qty Above 125%								
Basic Rate	5879.00							
Area Weightage @ 6%	352.74							
Total	**6231.74**							
Tender Premium @ -2.32%	144.58							
Total	**6087.16**							
Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater dubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **174 / Item No. 22.7 / PWD SR 2015-16**	Sqm							
For CC Road Work Thindlu Colony								
3rd cross(North side)		1	15.00	3.45		51.75		
3rd cross(South side)		1	15.00	3.90		58.50		
		1	4.70	3.50		16.45		
4th cross(North side)		1	19.90	3.70		73.63		
		1	7.40	1.50		11.10		
		1	5.20	1.10		5.72		
4th cross(South side)		1	20.60	3.55		73.13		
		1	1.00	2.00		2.00		

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
...North side)		1	20.45	3.55		72.62		
...South side)		1	30.50	3.42		104.31		
...North side)		1	28.80	4.45		128.16		
		1	28.15	3.55		99.93		
		1	1.00	2.10		2.10		
...North side)		1	30.30	3.30		99.99		
...South side)		1	17.50	3.50		61.25		
...North side)		1	19.80	3.15		62.37		
...South side)		1	27.00	4.00		108.00		
...WAY MAIN ROAD		1	14.00	3.75		51.75		
		1	15.00	4.00		64.00		
		1	15.00	3.75		56.25		
		1	15.00	3.50		52.50		
		1	15.00	3.50		52.50		
		1	15.00	3.63		54.45		
		1	15.00	3.75		56.25		
		1	25.00	4.38		109.50		
...d No. 11 CC Road Work								
...Varadarajnagara 4th Cross L/S		1	108.00	4.00		424.00		
...Cross Road Left Side		1	118.00	4.10		487.90	TP	
						2450.24	94.94	255826.00
...viding groove cutting for cement ...cement with of 5mm to 10mm and depth ...mm-100mm including cost of cutting ...chine, generator and HOM of machinery, ...uding cost of blade, coolant etc. including ...aning of groove and providing sand and hot ...men filliarm and filler metal etc including of ...veyance of all materials, labour, lead and ...charges and all other incidental charges as ...drawing and as per specifications **Page ...175 / Item No. 22.8.1 / PWD SR 2015-16**	Rmt							
...st cross S/S		3	3.70			11.10		
...nd cross S/S		3	3.20			9.60		
...rd cross S/S		3	3.20			9.60		
...th cross S/S		3	3.20			9.60		
...th cross S/S		2	3.30			6.60		
...th cross S/S		2	3.40			6.80		
...th cross S/S		2	3.30			6.60		
...th cross S/S		1	2.50			2.50		
...th cross S/S								
1st cross N/S		2	2.70			5.40		
2nd cross N/S		2	3.00			6.00		
3rd cross N/S		2	2.40			4.80		
4th cross N/S		2	3.70			7.40		
5th cross N/S		3	2.50			7.50		
6th cross N/S		2	3.00			6.00		
7th cross N/S		2	3.00			6.00		
8th cross N/S		3	2.40			7.20		
9th cross N/S		3	2.70			8.10		
Ward No. 11 CC Road Work								
Varadarajnagara 4th Cross L/S		11	4.10			45.10		
8th Cross Road Left Side		12	4.10			49.20	TP	
						215.10	121.32	26096.00

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Providing granite slabs of selected quality [illegible]ably dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 10 cms thick **Page No. 25 / Item No. 5.31.2 / PWD SR 2015-16**	Sqm							
	For Covering Slab		18	3.00		0.60	32.40		
	Missing Slab		2	30.00		1.35	81.00		
			2	20.00		1.35	54.00		
			2	30.00		1.35	81.00		
			2	9.00		1.35	24.30		
			1	30.00		1.35	40.50		
			1	5.00		1.35	6.75		
	LG Enclave Main Road		1	25.00		1.35	33.75		
			1	13.00		1.35	17.55		
	Total Qty						**371.25**	**TP**	
	Qty upto 125%						**40.50**	776.44	**31446.00**
	Qty Above 125%						**330.75**	650.24	**215066.00**
	Basic Rate	628.00							
	Area Weightage @ 6%	37.68							
	Total	**665.68**							
	Tender Premium @ -2.32%	15.44							
	Total	**650.24**							
6	KSRB 5-9: Providing chamfering edges to stone slab 2.5cms. wide as per specifications, (only chamfered length shall be recorded) KBS 5.1.13 **Page No. 24 / Item No. 5.22 / PWD SR 2015-16**	m							
			90	2.40			**216.00**	34.81	**7519.00**
7	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5-1.13 **Page No. 24 / Item No. 5.18/ PWD SR 2015-16**	Sqm							
				Qty Vide Item No. 16			371.25	TP	
	Qty upto 125%						**40.50**	903.03	**36573.00**
	Qty Above 125%						**330.75**	941.19	**311297.00**
	Basic Rate	909.00							
	Area Weightage @ 6%	54.54							
	Total	**963.54**							
	Tender Premium @ -2.32%	22.35							
	Total	**941.19**							
18	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500 Page No. 17 / Item No. 4.46.2 / PWD SR 2015-16**	Tonne							
			0.07	344.75			28.27	TP	
							28.27	68186.31	**1927627.00**

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Description	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 4.6.2 Providing and removing centering, shuttering, propping etc. and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and tikes, thickness upto 200 mm including cost of all materials, labour complete as per specifications Specification No KSS 4.6.2 @ 4.18 / 4.1 of PWD SR : 2015-16)	Sqm							
For CC Road Work Thindlu Colony								
3rd cross(North side)		2	15.00		0.30	9.00		
3rd cross(South side)		2	15.00		0.30	9.00		
		2	4.70		0.30	2.82		
4th cross(North side)		2	19.90		0.30	11.94		
		2	7.40		0.30	4.44		
		2	5.20		0.30	3.12		
4th cross(South side)		2	20.50		0.30	12.30		
		2	1.00		0.30	0.60		
5th cross(North side)		2	23.40		0.30	14.04		
5th cross(South side)		2	30.50		0.30	18.30		
5th cross(North side)		2	25.50		0.30	15.30		
		2	26.00		0.30	15.60		
		2	1.00		0.30	0.60		
6th cross(North side)		2	30.30		0.30	18.18		
6th cross(South side)		2	17.90		0.30	10.74		
9th cross(North side)		2	19.90		0.30	11.94		
9th cross(South side)		2	27.00		0.30	16.20		
COLONY MAIN ROAD		2	14.00		0.30	8.40		
		2	16.00		0.30	9.60		
		2	15.00		0.30	9.00		
		2	15.00		0.30	9.00		
		2	15.00		0.30	9.00		
		2	15.00		0.30	9.00		
		2	15.00		0.30	9.00		
		2	25.00		0.30	15.00		
		4	90.00		0.60	216.00		
CC Drain		1	90.00	0.60		54.00		
		2	7.00	0.60		8.40		
Culverts		2x2	7.00		0.25	7.00		
		2x2	1.80		0.25	1.80		
		2x4x9	30.00		0.30	648.00		
		2x4	20.00		0.30	48.00		
		2x9	30.00	0.60		324.00		
		2	20.00	0.60		24.00		
		4x9	30.00		0.15	162.00		
		4	20.00		0.15	12.00	TP	
						1769.24	299.00	527068.00
KSRB 4.6.2 : Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and tikes, thickness upto 200 mm including cost of all materials, labour complete as per specifications Specification No KSS 4.6.2 Page No. 15 / Item No. 4.18 / PWD SR 2015-16 Kempgowdanagara R/S	Sqm	4x1	30.00		0.60	72.00		

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			4x1	30.00		0.60	72.00		
			4x1	30.00		0.60	72.00		
			4x1	13.70		0.60	32.88		
			1x1	30.00	0.60		18.00		
			1x1	30.00	0.60		18.00		
			1x1	30.00	0.60		18.00		
			1x1	13.70	0.60		8.22		
			2x1	30.00		0.15	9.00		
			2x1	30.00		0.15	9.00		
			2x1	30.00		0.15	9.00		
			2x1	13.70		0.15	4.11		
			1	8.00	0.60		4.80		
			2	8.00		0.25	4.00		
			2	1.60		0.25	0.80		
	Basavasmithi 2nd B Cross Covering		4	30.00	0.60		72.00		
			2	18.00	0.60		21.60		
	2nd C Cross		4	30.00	0.60		72.00		
			2	18.50	0.60		22.20		
	1st Cross		4	30.00	0.60		72.00		
			2	15.60	0.60		18.72		
	1st A Cross		6	30.00	0.60		108.00		
			2	11.80	0.60		14.16		
	Ganesh Layout		2	30.00	0.60		36.00		
			1	11.00	0.60		6.60		
			4	30.00	0.60		72.00		
			2	20.00	0.60		24.00		
			2	30.00	0.60		36.00		
			2	19.00	0.60		22.80	TP	
							949.89	321.76	305657.00
21	KSRB 15-3.8:- Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 113 / Item No. 15.15 / PWD SR 2015-16**	Sqm							
			2	30.00		1.65	99.00	TP	
	Compound Wall						**99.00**	221.54	21933.00
22	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. **Page No. 25 / Item No. 5.30 / PWD SR 2015-16**	Nos							
			2	50.00			222		
	Thindlu GKVK Joining Road			0.45					
			4	15.00			133		
	For Open Gym Equipment flatform			0.45					
			4	6.00			53		

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
			0.45					
Children Play Equipment flatform		4	15.00			133		
			0.45					
		4	6.00			53		
			0.45					
		2	30.00			133		
			0.45					
		2	30.00			133		
			0.45					
		2	27.50			122		
			0.45					
		4	30.00			267		
			0.45					
		2	22.80			101		
			0.45					
		4	30.00			267		
			0.45					
		2	18.00			80		
			0.45					
						1699	313.32	**532385.00**
KSRB 15.19.1 : Providing and applying ready mix **priming coat over concrete** / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughtly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 121 / Item No. 15.80 / PWD SR 2015-16**	Sqm							
Thindlu GKVK Joining Road		2	50.00		0.35	35.00		
For Open Gym Equipment flatform		2	15.00		0.35	10.50		
		2	6.00		0.35	4.20		
For Children Play Equipment flatform		2	15.00		0.35	10.50		
		2	6.00		0.35	4.20		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	27.50		0.35	19.25		
		4	30.00		0.35	42.00		
		2	22.80		0.35	15.96		
		4	30.00		0.35	42.00		
		2	18.00		0.35	12.60		
						238.21	26.37	**6282.00**
KSRB 15.20.1 : Providing and applying floor **painting with ready mix two coats** (Excluding priming coat) on new s concrete / masonry / asbestos cement sheet / / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 121 / Item No. 15.83 / PWD SR 2015-16**	Sqm							
		Qty Vide Item No. 10				238.21	TP	
						238.21	50.64	**12063.00**

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Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
25	KSRRB M300-53: Construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) **MORTH specification No. 305, No. 147 / Item No. 19.60 / PWD SR 2015-16**	Cum							
	Kempegowdanagara		1	103.00	7.40	0.45	342.99		
	Thindlu-GKVK Joining road		1	50.00	7.40	0.45	166.50	TP	
							509.49	303.82	**154793.00**
26	KSRRB 300-47: scarifying kankar/ gravel/ metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges complete as per specifications MORTH chapter 3, **No. 146 / Item No. 19.53 / PWD SR 2015-16**	Sqm							
	Vidyaranyapura Last bus stop to Circle		2	300.00	1.20		720.00		
	Basavasmithi 2nd Cross		1	95.00	4.50		427.50		
	2nd B Cross		1	78.00	4.50		351.00		
	2nd C Cross		1	78.00	4.50		351.00		
	2nd D Cross		1	68.00	4.50		306.00		
	1st Cross		1	45.00	4.50		202.50		
	1st A Cross		1	101.00	0.60		60.60		
	LG Enclave Main Road		1	115.00	5.00		575.00		
			1	110.00	0.60		66.00		
	Cross Road 1		2	55.00	1.00		110.00		
	Cross Road 2		2	51.00	1.00		102.00		
	Cross Road 3		2	41.00	1.00		82.00		
	Ganesh nagar main road Ch 0 to Ch 289 Mts		1	289.00	5.00		1445.00		
	Thindlu		1	120.00	2.00		240.00		
	Ganesh nagar main road Ch 290 to 365 mts		1	55.00	7.50		412.50		
			1	20.00	8.70		174.00		
	Circle		1	30.00	26.42		792.60		
			1	30.00	6.10		183.00		
			1	30.00	5.70		171.00		
			1	15.00	4.45		66.75		
			1	27.50	4.80		132.00		
							6970.45	TP	
	Total Qty						**5947.63**	25.32	**150594.00**
	Qty upto 125%						**1022.83**	25.89	**26476.00**
	Qty Above 125%								
	Basic Rate	25.00							
	Area Weightage @ 6%	1.50							
	Total	**26.50**							
	Tender Premium @ -2.32%	0.61							
	Total	**25.89**							

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
27	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per MORTH specification NO. 406, **Page No. 157 / Item No. 20.15 / PWD SR 2015-16**	Cum							
	Vidyaranyapura Last bus stop to Circle								
	Basavasmithi 2nd Cross		2	300.00	2.00	0.23	276.00		
	2nd B Cross		1	95.00	5.00	0.23	109.25		
	2nd C Cross		1	78.00	5.00	0.23	89.70		
	2nd D Cross		1	78.00	5.00	0.23	89.70		
	1st Cross		1	68.00	5.00	0.23	78.20		
	1st A Cross		1	45.00	5.00	0.23	51.75		
	LG Enclave Main Road		2	101.00	1.20	0.23	55.75		
			1	145.00	6.00	0.23	200.10		
	Cross Road 1		1	109.00	1.50	0.23	37.61		
	Cross Road 2		2	55.00	1.50	0.23	37.95		
	Cross Road 3		2	51.00	1.50	0.23	35.19		
	Ganesh nagar main road Ch 0 to Ch 289 Mts		2	41.00	1.50	0.23	28.29		
			1	289.00	5.50	0.23	365.59		
	Thindlu GKVK Joining road		1	50.00	7.50	0.23	86.25		
	Ganesh nagar main road Ch 290 to 365 mts		1	55.00	7.50	0.23	94.88		
			1	105.00	1.90	0.23	45.89		
			1	20.00	8.50	0.23	39.10		
	Circle		1	30.00	26.30	0.23	181.47		
	Kempegowdanagara Cross Road		1	115.00	7.15	0.23	189.12		
	Ward No. 11								
	Varadarajnagara 5th Cross		1	36.00	4.90	0.20	35.28		
	7th Cross Road		1	40.00	5.10	0.20	40.80		
	Cross Road		1	57.00	5.20	0.20	59.28		
	Indian Express Layout 1st Cross		1	98.00	5.40	0.20	105.84		
	2nd Cross		1	132.00	5.40	0.20	142.56		
	3rd Cross		1	195.00	5.20	0.20	202.80		
	Main road		1	90.00	6.00	0.20	108.00		
	Total Qty						**2786.33**	TP	
	Qty upto 125%						**2288.53**	1674.20	**3831449.00**
	Qty Above 125%						**497.80**	1727.06	**859739.00**
	Basic Rate	1668.00							
	Area Weightage @ 6%	100.08							
	Total	**1768.08**							
	Tender Premium @ -2.32%	41.02							
	Total	**1727.06**							
28	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechnical means complete as per specifications, MORTH specification NO. 502, **Page No. 160 / Item No. 21.6 / PWD SR 2015-16**	Sqm					1950.00		
	Vidyaranyapura Last bus stop to Circle		1	300.00	6.50				

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
Basavaswmithi 2nd Cross		1	95.00	4.50		427.50		
2nd C Cross		1	78.00	4.50		351.00		
2nd D Cross		1	78.00	4.50		351.00		
1st Cross		1	68.00	4.50		306.00		
1st A Cross		1	45.00	4.50		202.50		
LG Enclave Main Road		1	101.00	4.50		454.50		
		1	115.00	6.00		690.00		
Cross Road 1		1	111.00	1.85		205.35		
Cross Road 2		1	55.00	6.00		330.00		
Cross Road 3		1	51.00	6.00		306.00		
Kempegowdanagara Cross Road		1	41.00	5.00		205.00		
Ganesh nagar main road Ch 0 to Ch 289 Mts		1	115.00	7.50		862.50		
		1	289.00	7.60		2196.40		
Thindlu GKVK Joining road		1	50.00	7.50		375.00		
Ganesh nagar main road Ch 290 to 365 mts		1	55.00	7.50		412.50		
		1	20.00	8.50		170.00		
Circle		1	30.00	26.30		789.00		
		1	105.00	1.95		204.75		
Ward No. 11								
Varadarajnagara 5th Cross		1	36.00	4.95		178.20		
7th Cross Road		1	40.00	5.10		204.00		
Cross Road		1	57.00	5.20		296.40		
Indian Express Layout 1st Cross		1	98.00	5.40		529.20		
2nd Cross		1	132.00	5.40		712.80		
3rd Cross		1	195.00	5.15		1004.25		
Main road		1	91.00	6.00		546.00		
Total Qty						**14259.85**	TP	
Qty upto 125%						**14167.63**	31.65	**448405.00**
Qty Above 125%						**92.23**	26.92	**2483.00**
Basic Rate	26.00							
Area Weightage @ 6%	1.56							
Total	**27.56**							
Tender Premium @ -2.32%	0.64							
Total	**26.92**							
29 KSPRB 500-11: Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead lift and cost including lead, lift and cost of all materials, labour HOM of machineries complete as per specifications **using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen, Page No. 161 / Item No. 21.11.6/ PWD SR 2015-16**									
	Cum	1	115.00	6.00	0.050	34.50		
LG Enclave Main Road		1	110.00	1.50	0.050	8.25		
Ganeshanagara Main Road		1	289.00	5.50	0.050	79.48		

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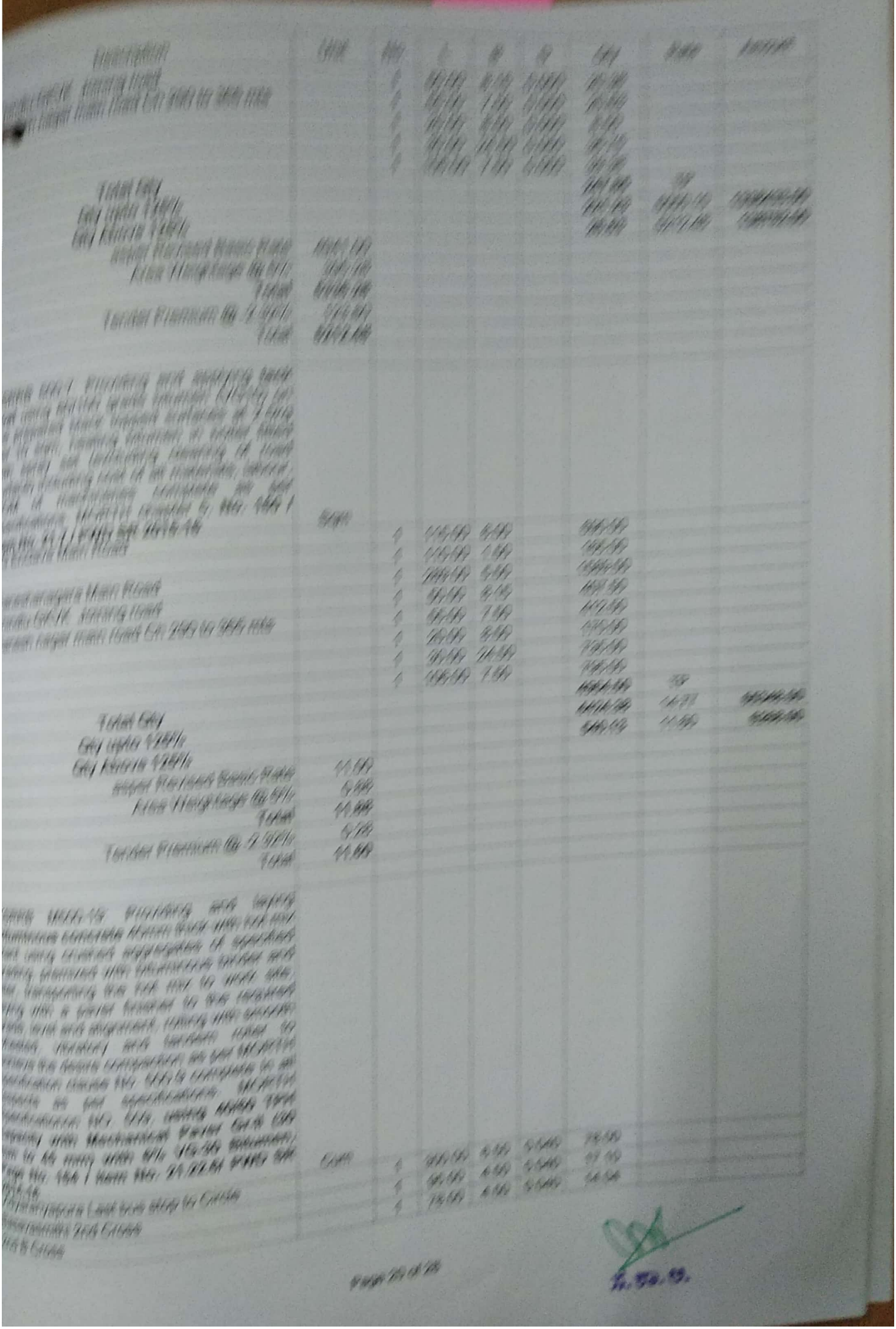

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	2nd C Cross		1	75.00	4.50	0.040	13.50		
	Cross		1	78.00	4.50	0.040	14.04		
	1st Cross		1	45.00	4.50	0.040	8.10		
	1st A Cross		1	92.80	4.50	0.040	16.70		
	LG Enclave Main Road		1	225.00	6.00	0.040	54.00		
	Cross Road		1	53.00	6.00	0.040	12.72		
			1	51.00	6.00	0.040	12.24		
	Kempegowdanagara Cross Road		1	41.00	5.00	0.040	8.20		
	Ganesh nagar main road Ch 0 to Ch 289 Mts		1	115.00	7.50	0.040	34.50		
			1	289.00	5.50	0.040	63.58		
	Thindlu GKVK Joining road								
	Ganesh nagar main road Ch 290 to 365 mts		1	50.00	7.50	0.040	15.00		
			1	55.00	7.50	0.040	16.50		
			1	20.00	8.50	0.040	6.80		
	Circle		1	25.00	14.10	0.040	14.10		
			1	106.00	7.50	0.040	31.80		
	Total Qty						**430.92**	TP	
	Qty upto 125%						**393.20**	9594.72	**3772644.00**
	Qty Above 125%						**37.72**	7101.86	**267911.00**
	PWD SR 2016-17 Basic Rate	6859.00							
	Area Weightage @ 6%	411.54							
	Total	**7270.54**							
	Tender Premium @ -2.32%	168.68							
		7101.86							
32	Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects **with 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (25 mm to 30 mm) with 5 % VG-10 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	Cum							
	Ward No. 11		1	36.00	4.90	0.025	4.41		
	Varadarajnagara 5th Cross		1	40.00	5.10	0.025	5.10		
	7th Cross Road		1	57.00	5.20	0.025	7.41		
	Cross Road		1	98.00	5.30	0.025	12.99		
	Indian Express Layout 1st Cross		1	132.00	5.30	0.025	17.49		
	2nd Cross		1	195.00	5.20	0.025	25.35		
	3rd Cross		1	91.00	6.20	0.025	14.11		
	Main road						**86.85**	7943.73	**689913.00**
33	KSRB 2.10 : Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5m, machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. Specification. No. KBS, **Page No. 6 / Item No. 2.17 / PWD SR 2015-16**	Cum							

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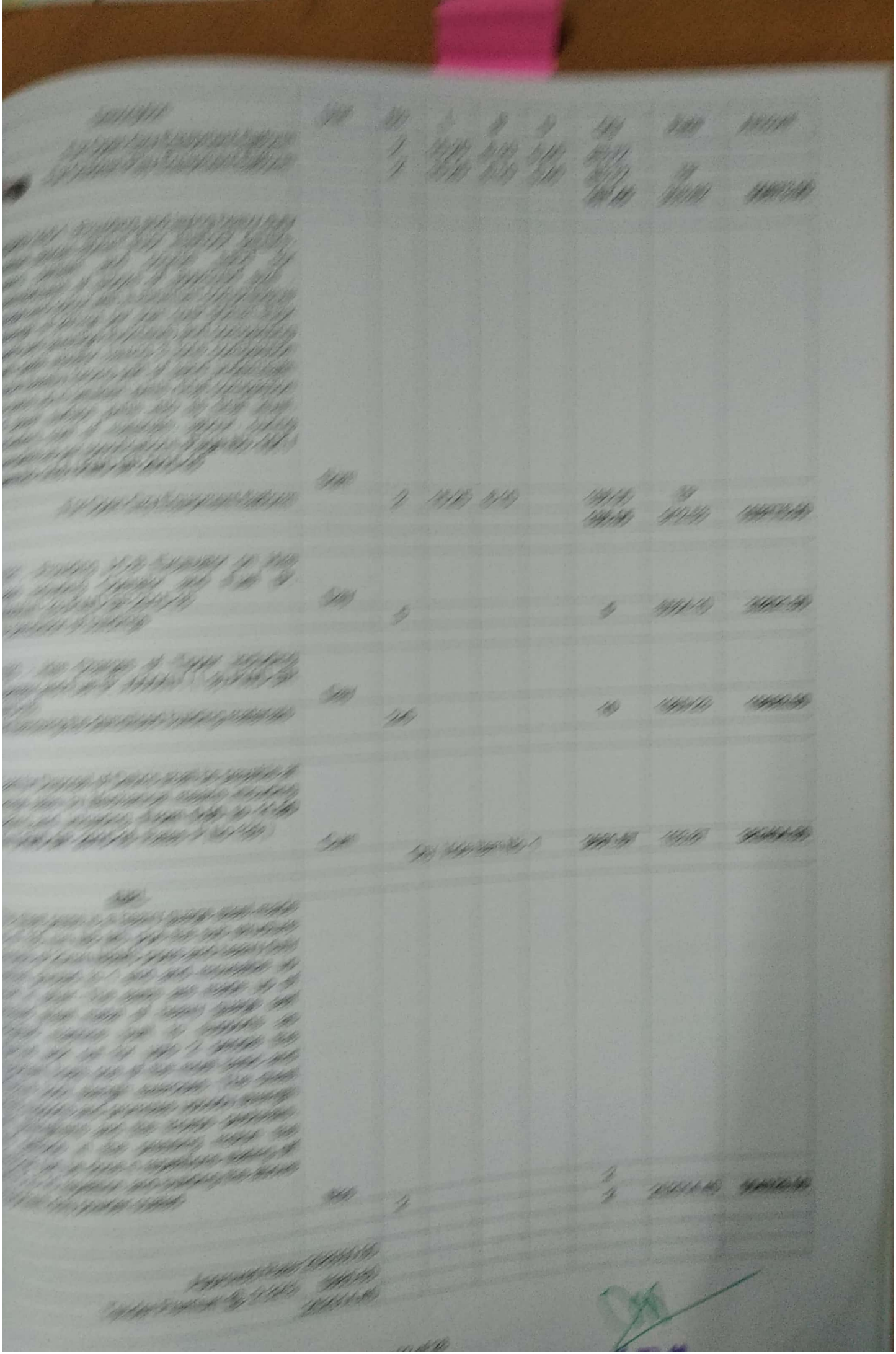

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
SAI 1139A the AIR WALKER made up of NBMS pipes the substructures consists of 40 mm NBMS pipe and heavy duty bushes pivoted to 1 end and in walking motion foot steps is made up pressed sheet metal heavy guage it provides to side by side exercises position which deliver cardiavascular ascular benifits by simulating the runing motion hough with straighter eegs and no impact. he exercises completly the avoids the impact ress runners often experiences on feet ees, bips and lower back many people annot tolerate the jarring motion of jogging alking is a good alternative but it does not retch are fully activate the important muscule the upper thigh the air walker improves both rdiovascular fitness and fiexibility exercise vels can be of 5 to 15 munites duration periment with various peed and different vels of stretch the above equipment is duly wder coated	Nos	2				2		
						2	151404.00	**302808.00**
Approved Rate	155000.00							
Tender Premium @ -2.32%	3596.00							
	151404.00							
SI 1140 A - The FUN RIDER made up of 0mm NBMS pipe the such structure conisits 40mm NBMS pipes and heavy duty bushes voted to one end and movable in materal tion the eseat is made up of pressed sheet etal of heavy guage fun rider station involves rdiovasular benedits using a rowing motion is apparatus promotes strengthening the ceps latissmus dorsi and rear deltoids in the lling motion white also developing rdiovascular fitness, Exercise levels can be 5 to 15 minutes duration, expreiments with rious sppeds and different levels of intensity e above equipment is duly powder coated	Nos	2				2		
						2	146520.00	**293040.00**
Approved Rate	150000.00							
Tender Premium @ -2.32%	3480.00							
	146520.00							
SI 8155 C The STANDING RORATION ade up of 100mm NBMS pipe the sub ructure consists of 32 mm NBMS pipe and eavy duty bearing and bushes provided to sure smooth plate rotation the standing ates are made up of pressed sheet metal of eavy guage it benches in stretching the ternal and external obliques and adding mphasis on the abdomitals and extesor uscles of the spine. The above equipment is ly powder coated	Nos	2				2		
						2	146520.00	**293040.00**

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	Nos							
		2				2		
						2	151404.00	302808.00
Approved Rate	150000.00							
Tender Premium @ -2.32%	3596.00							
	151404.00							
	Nos							
		2				2		
						2	175824.00	351648.00
Approved Rate	180000.00							
Tender Premium @ -2.32%	4176.00							
	175824.00							

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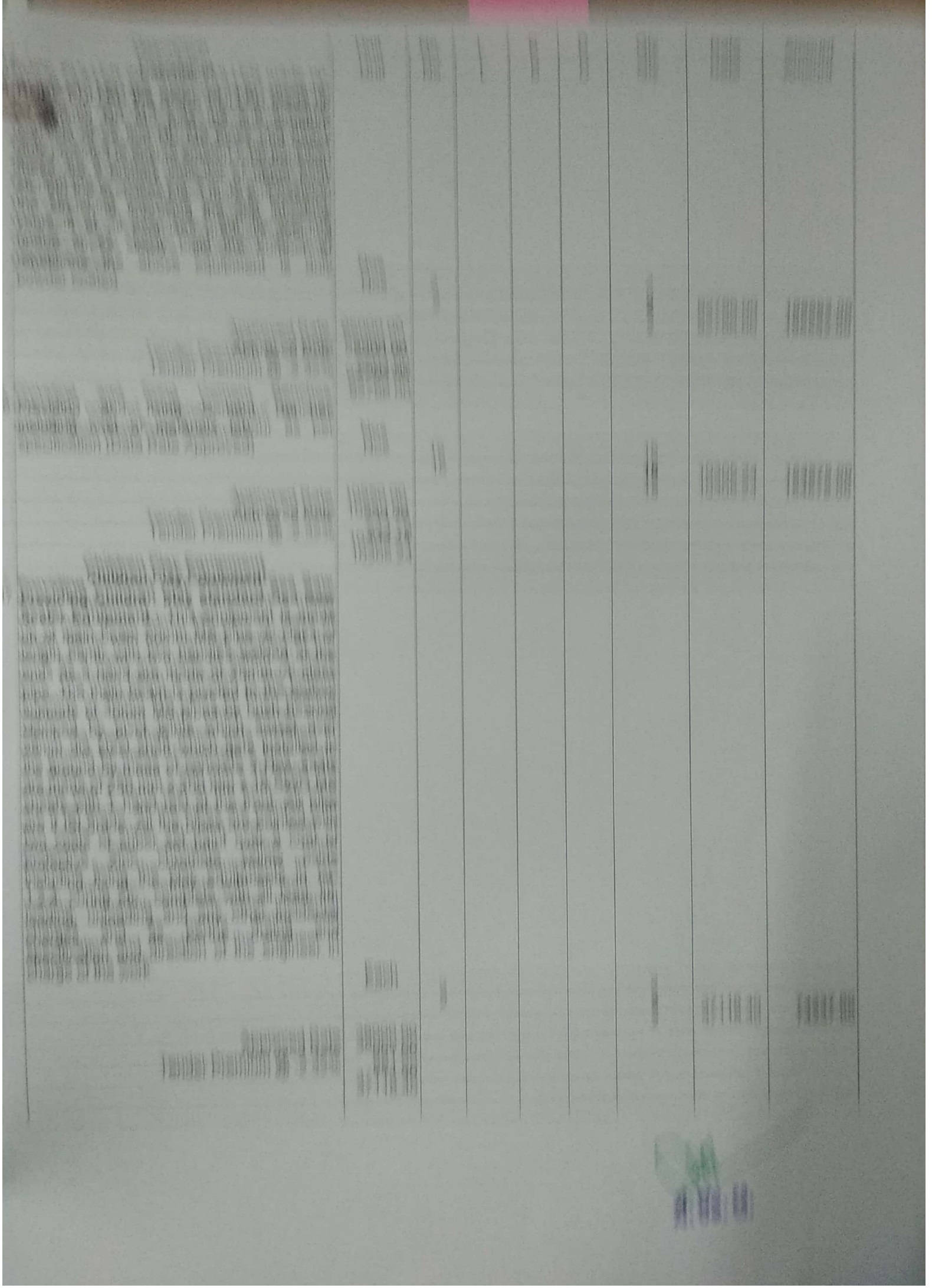

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Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
48	**Providing Children play Merry-go-Round equipment** : Made of MS 'A' Class pipes. Main pillars in 100 mm dia fitted with shaft and two bearing the other cross members are in 25 & 20 mm MS A Class pipe the bottom ring is made out of 25mm of ring size is 1.20 mts dia fitted with four seats are in mental sats if 250 x 200 x 18 SWG handles are made out of 20mm NB pipes and othe supports are in 25mm MS 'A' Class pipes. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			2				2		
							2	37118.40	**74237.00**
	Approved Rate	38000.00							
	Tender Premium @ -2.32%	881.60							
		37118.40							
49	**Providing Children Play 2 - Seater Swing** : This Swing consosts of 2 Nos, seat of solid fibbed FP of size 480 mm x 180 mm x 3.5 mm supported by MS chains. The chains are supported by circular housing with bearing from which the chain in suspended. The main beam is of 50 mm MS 'A' class pipe Size of MS chain 30 mm x 20 mm x 5mm thick The 2 Nos inverted 'V' beams are of 50 mm 'A' class pipes secured at the top the main beam by means of CI castings (Heavy duty for elders) All pipes are of ISI grade all the pipes are painted with two coats of super set paitng over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			2				2		
							2	54700.80	**109402.00**
	Approved Rate	56000.00							
	Tender Premium @ -2.32%	1299.20							
		54700.80							

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
0	**Providing Children Play Standard Swing : Swing consosts of 2 Nos**, seat of solid fibbed FP of size 480 mm x 180 mm x 3.5 mm supported by MS chains. The chains are supported by circular housing with bearing from which the chain in suspended. The main beam is of 50 mm MS 'A' class pipe Size of MS chain 30 mm x 20 mm x 5mm thick The 2 Nos inverted 'V' beams are of 50 mm 'A' class pipes secured at the top the main beam by means of CI castings (Heavy duty for elders) All pipes are of ISI grade all the pipes are painted with two coats of super set paitng over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			2				2		
							2	64468.80	**128938.00**
	Approved Rate	66000.00							
	Tender Premium @ -2.32%	1531.20							
		64468.80							
51	Duck wheel	Each							
			2				2		
							2	76190.40	**152381.00**
	Approved Rate	78000.00							
	Tender Premium @ -2.32%	1809.60							
		76190.40							
52	Mini Wheel	Eac							
			2				2		
							2	32234.40	**64469.00**
	Approved Rate	33000.00							
	Tender Premium @ -2.32%	765.60							
		32234.40							
53	Duck Swing (2 seater)	Each							
			2				2		
							2	64468.80	**128938.00**
	Approved Rate	66000.00							
	Tender Premium @ -2.32%	1531.20							
		64468.80							
54	FRP Mini Slide	Each							
			2				2		
							2	23000.00	**46000.00**
	Approved Rate	33000.00							
	Tender Premium @ -2.32%	765.60							
		32234.40							
55	Mini Slide	Each							
			2				2		
							2	25396.80	**50794.00**
	Approved Rate	26000.00							
	Tender Premium @ -2.32%	603.20							
		25396.80							

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Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
56	Jack Frame	Each							
			2				2		
							2	23443.20	46886.00
	Approved Rate	24000.00							
	Tender Premium @ -2.32%	556.80							
		23443.20							
57	Nest								
		Each							
			2				2		
							2	33211.20	66422.00
	Approved Rate	34000.00							
	Tender Premium @ -2.32%	788.80							
		33211.20							
58	Bear								
		Each							
			2				2		
							2	28327.20	56654.00
	Approved Rate	29000.00							
	Tender Premium @ -2.32%	672.80							
		28327.20							
59	Spring Duck	Each							
			2				2		
							2	44932.80	89866.00
	Approved Rate	46000.00							
	Tender Premium @ -2.32%	1067.20							
		44932.80							
	Total								29613637.00
	Rupees Two Crore Ninety Six Lakh(s) Thirteen Thousand Six Hundred Thirty Seven Only								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16 +/- Tender Premium.
3 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Chief Engineer
Yelahanka Zone
Bangalore Mahanagara
Bangalore 97

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